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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/864,183	05/25/2001	Yutaka Satoh	029471-0150	2347

22428 7590 05/17/2004

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3000 K STREET NW
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EXAMINER

CHEUNG, MARY DA ZHI WANG

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 05/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/864,183

Applicant(s)

SATOH, YUTAKA

Examiner

Mary Cheung

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ML

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-14 and 16-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-14 and 16-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>6</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of the Claims

1. This action is in response to the amendment filed on March 15, 2004. Claims 1, 3-14 and 16-24 are pending. Claims 1, 4-6, 9, 12-14, 16-17, 19 and 21-23 have been amended. Claims 2 and 15 have been canceled.

Response to Arguments

2. Applicant's arguments filed March 15, 2004 have been fully considered but they are not persuasive.

In response to applicant's argument that there is no suggestion to modify the teaching of Murcko (U. S. Patent 6,578,014), the examiner recognizes that obviousness can only be established by modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, Murcko teaches allowing the buyer to specifying seller criteria and further requesting additional information from the seller regarding the service purchase request (Figs. 17-18).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 3-14 and 16-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murcko, Jr., U. S. Patent 6,578,014.

As to claim 1, Murcko teaches a method for allowing a mediator server (*system operator 200 in Fig. 1*) to act as an intermediary agent between a service provider (*seller's interface in Fig. 1*) and a service purchaser (*buyer's interface in Fig. 1*) comprising the steps of (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1):

- a) Providing a mediator server communicatable with at least one service provider and at least one service purchaser through their respective terminals over a communication network (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1),
- b) Receiving at said mediator server service offering information including the service provider's name, offered services and other information from said service provider (column 13 lines 33-36 and column 32 lines 59-61 and Figs. 2, 5a-6b, 20, 23),
- c) Forwarding said service offering information to said service purchaser from said mediator server (column 13 lines 33-36 and column 28 lines 14-20 and column 32 lines 59-63 and column 33 line 47 – column 34 line 19 and Figs. 1-2, 18, 23-24),
- d) At said mediator server receiving purchase service request information including the service purchaser's name, service being purchased and other

information from said service purchaser (column 21 lines 14-33 and column 22 lines 59-60 and column 23 lines 5-7 and Figs. 8-9, 12),

e) Forwarding said purchase service request information to said service provider from said mediator server, wherein said mediator server acts as an intermediary agent between the service provider and the service purchaser, wherein upon receiving the service offering information from service providers, said mediator server forwards a listing of service providers, offered services and associated information to service purchaser's terminal (column 13 lines 33-36 and column 26 lines 51-56 and column 28 lines 14-17 and column 33 line 47 – column 34 line 19 and Figs. 1, 18, 24);

said mediator server allows said service purchaser to select a particular service provider from said listing displayed on the service purchaser's terminal, there upon said mediator server forwards the service purchase request information to said particular service provider selected by said service purchaser for display on said service provider's terminal, the purchase request service information including specifying the seller criteria (column 13 lines 33-36 and column 26 lines 6-23 and column 33 line 47 – column 34 line 19 and Figs. 1, 16-18, 24);

through said mediator server and based on the service purchase request information displayed on the service provider's terminal, said service provider is allowed to accept the service purchase request, there upon to reach an agreement between said particular service provider and said service purchaser

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(column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24).

Murcko does not explicitly teach the purchase service request information including the start date and hours on and during which the service is desired to be received from the service provider. However, Murcko teaches the purchase request service information including specifying the seller criteria, and allowing the purchaser to request additional information from the service provider regarding the item (column 29 lines 27-29 and Figs. 17-18). It would have been obvious to one of ordinary skill in the art to allow the purchase request service information in Murcko's teaching to include start data and hours on and during which the service is desired to be received from the service provider for better meet the purchaser's purchase criteria.

As to claims 3 and 8, Murcko further teaches several kinds of currencies are applicable when the service offered by said service provider and received by said service purchaser is paid for (column 29 lines 2-3).

As to claim 4, Murcko teaches a method for allowing a mediator server (*system operator 200 in Fig. 1*) to act as an intermediary agent between a service provider (*seller's interface in Fig. 1*) and a service purchaser (*buyer's interface in Fig. 1*) when services are sold and purchased between the service provider and service purchaser wherein said mediator server, said service provider and said service purchaser can communicate with each other through their respective terminals over a communication

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network and wherein said method includes the steps of (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1):

- a) Allowing said service provider to send service offering registration information from said service provider's terminal, referred to as "provider terminal" to said mediator server over the communication network (Figs. 1-2, 6a-6b, 20, 23);
- b) Allowing said mediator server to record, in a database (*data storage device 220 in Fig. 2*), the service offering registration information received from said provider terminal (Figs. 1-2, 6a-6b, 20, 23);
- c) Allowing said service purchaser to send service purchaser identification information from said service purchaser's terminal, referred to as "purchaser terminal" to said mediator server over the communication network (Figs. 1-2, 7a-7b, 13, 17);
- d) Allowing said mediator server to record, in said database, the service purchaser identification information received from said purchaser terminal (Figs. 1-2, 7a-7b, 13, 17);
- e) Allowing said service purchaser to select a particular service purchase information from said service registration offering information displayed on said purchaser terminal, and send the selected service purchase information from said purchaser terminal to said mediator server over the communication network (column 13 lines 33-36 and column 26 lines 6-23 and column 29 lines 22-27 and Figs. 1-2, 8, 16-18, 24);

f) In response to said service purchase information received from said service purchaser, allowing said mediator server to create service purchase request information for forwarding it to the service provider selected by said service purchaser for display on said provider terminal (column 13 lines 33-36 and column 33 line 47 – column 34 line 19 and Figs. 1, 8, 24);

g) Allowing said service provider, based on the service purchase request information received from said mediator server and displayed on said provider terminal, to make a decision on whether said service provider should accept or decline the service purchase request, and to notify the resulting decision to said mediator server over the communication network (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24);

h) Allowing said mediator server to forward said decision received from said service provider to said service purchaser over the communication network, wherein if the decision made by said service provider is to accept the service purchase request, it is determined that an agreement is reached between said service provider and said service purchaser, and the service is supplied from said service provider to said service purchaser (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 21-56 and column 33 line 47 – column 34 line 19 and Figs. 1-2, 18, 24).

Murcko does not explicitly teach the selected service purchase information including the start date and hours on and during which the service is desired to be

received from the service provider. However, Murcko teaches the requested service purchase information including specifying the seller criteria, and allowing the purchaser to request additional information from the service provider regarding the item (column 29 lines 27-29 and Figs. 17-18). It would have been obvious to one of ordinary skill in the art to allow the selected service purchase information in Murcko's teaching to include start data and hours on and during which the service is desired to be received from the service provider for better meet the purchaser's purchase criteria.

As to claims 5 and 11, Murcko further teaches said service purchaser to pay said service provider for the service supplied by said service provider and received by said service purchaser when it is completed, wherein said service purchaser and said service provider may optionally select any one among several different currencies agreed upon by said service provider and said service purchaser to pay for the service received (column 29 lines 2-3, 40-56).

As to claim 6, Murcko teaches a service transaction mediating system for allowing a mediator server (*system operator 200 in Fig. 1*) to act as an intermediary agent in a service transaction between a service provider (*seller's interface in Fig. 1*) and a service purchaser (*buyer's interface in Fig. 1*), wherein (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1)

- a) Said mediator server, service providers and service purchasers are communicatable with each other through their respective terminals over a communication network (column 13 lines 33-36 and Fig. 1);

b) Said mediator server includes a database (*data storage device 220 in Fig. 2*) on which service offering registration information submitted by said service provider is recorded (Figs. 1-2, 6a-6b, 20, 23);

c) Said mediator server includes means for allowing said mediator server to send a listing of services offered from said service providers and recorded on said database to any of said service purchasers and for allowing said service purchaser to select any particular service provider from said listing being displayed on said service purchaser's terminal, whereby said service purchaser and said service provider may use their respective terminals to conduct the service transaction through said mediator server (column 13 lines 33-36 and column 26 lines 6-23 and column 29 lines 22-27, 43-56 and Figs. 1-2, 16-18, 24).

As to claim 7, Murcko further teaches:

a) Means for allowing said service provider to make a decision on whether said service provider should accept or decline the service purchase request, based on said service purchase request information being displayed on said service provider's terminal, and for allowing said service provider to notify the decision to said mediator server (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24);

b) Means for allowing said mediator server to forward the notification of said decision received from said service provider to said service purchaser (column

13 lines 33-36 and column 28 lines 7-10 and column 29 lines 21-56 and column 33 line 47 – column 34 line 19 and Figs. 1-2, 18, 24).

As to claims 9, 19 and 21, Murcko teaches a transaction mediating system, a mediator server apparatus, and a computer readable program product for allowing a mediator server (*system operator 200 in Fig. 1*) to act as an intermediary agent on a service transaction between a service provider (*seller's interface in Fig. 1*) and a service purchaser (*buyer's interface in Fig. 1*) comprising (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1):

- I) A terminal used by a service provider, referred to as "provider terminal" (Fig. 1);
- II) A terminal used by a service purchaser referred to as "purchaser terminal" (Fig. 1);
- III) A mediator server having a database (*data storage device 220 in Fig. 2*) and being connectable to said provider terminal and to said purchaser terminal over a network, wherein (Figs. 1-2)
 - a) Said provider terminal includes means for allowing said service provider to provide service offering registration information on a service offering registration entry display appearing on said provider terminal, and to send said service offering registration information to said mediator server over the network (Figs. 1-2, 6a-6b, 20, 23);
 - b) Said purchaser terminal includes means for allowing said service purchaser to provide purchaser identification information on a service

purchaser registration entry display appearing on said purchaser terminal, and to send said purchaser identification information to said mediator server over said computer network (Figs. 1-2, 7a-7b, 13-14, 17);

c) Said mediator server includes means for allowing said mediator server to record the service offering registration information received from said provider terminal and the purchaser identification information received from said purchaser terminal on said database (Figs. 1-2, 6a-7b),

d) Said purchaser terminal further includes means for displaying the service offering information received from said mediator server on said purchaser terminal, and for allowing said service purchaser to identify and select a service to be purchased from the service offering information, to enter service purchase information including the identified and selected service, and to send the service purchase information to said mediator server over the network (column 13 lines 33-36 and column 26 lines 6-23 and column 29 lines 22-27, 43-56 and Figs. 1-2, 8, 16-18, 24);

e) Said mediator server further includes means for allowing said mediator server to produce service purchase request information from said service purchase information received from said purchaser terminal, and forward the service purchase request information to the service provider of the selected service for display on said provider terminal (column 13 lines 33-36 and column 33 line 47 – column 34 line 19 and Figs. 1, 8, 24);

f) Said provider terminal further includes means for allowing said service provider, based on said service purchase request information displayed on said provider terminal, to make a decision on whether said service provider should accept or decline said service purchase request, and to send the information for the decision back to said mediator server (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24);

g) Said mediator server further includes means for recording the decision information received from said service provider on said database, and means for notifying the decision to said service purchaser (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 21-56 and column 33 line 47 – column 34 line 19 and Figs. 1-2, 8, 18, 24),

h) Whereby said service purchaser may be ready to receive the service offered by said service provider when said service provider makes the decision to accept the service purchase request submitted by said service purchaser (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 21-56 and column 33 line 47 – column 34 line 19 and Figs. 1-2, 18, 24),

wherein said means for displaying the service offering information contains the following fields: the service provider names, locations to contact and offered unit prices (Figs. 18, 23).

Murcko does not explicitly teach the service offering information contains including the following entry fields: the start date and hours on and during which the service is desired to be received from the service provider selected from the list. However, Murcko teaches the requested service purchase information including specifying the seller criteria, and allowing the purchaser to request additional information from the service provider regarding the item (column 29 lines 27-29 and Fig. 18). It would have been obvious to one of ordinary skill in the art to allow the service offering information in Murcko's teaching to include start data and hours on and during which the service is desired to be received from the service provider (e.g. to be included in the item description or the reply to the request additional information from the service provider) for better meet the purchaser's purchase criteria.

As to claims 10, 20 and 23-24, Murcko further teaches wherein:

a) Said mediator server further includes means for allowing said mediator server to generate a registration number to be assigned to the service provider prior to recording said service offering registration information on said database, to record the service provider registration number together with said service offering registration information on said database, and to send said service provider registration number to said service provider for display on said provider terminal (column 17 lines 54-55 and column 22 lines 24-33 and column 26 lines 40-50 and Figs. 2, 6a-6b, 20-21; *specifically the service provider registration number corresponds to Seller ID in Murcko's teaching*);

b) Said mediator server further includes means for allowing said mediator server to generate a registration number to be assigned to the service purchaser prior to recording the purchaser identification information on said database, to record the service purchaser registration number together with said purchaser identification information on said database, and to send said service purchaser registration number to said service purchaser for display on said purchaser terminal (column 19 lines 41-42 and column 22 lines 24-33 and column 26 lines 40-50 and Figs. 2, 7a-7b, 14-15; *specifically the service purchaser registration number corresponds to Buyer ID in Murcko's teaching*),

c) Said purchaser terminal allows said service purchaser to have access to said mediator server by using said service purchaser registration number (column 25 lines 37-42);

d) Said provider terminal allows said service provider to have access to said mediator server by using said service provider registration number (column 32 lines 1-6).

As to claims 12 and 22, Murcko further teaches:

a) On the purchaser terminal, when the service offering information is received from said mediator server, a service type list-selection display on which service types offered by said service provider are listed is displayed (column 28 lines 14-17 and Figs. 16-18);

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- b) The purchaser terminal allows said service purchaser to select a service type from said service type list-selection display, and optionally select a particular service item from service items listed in the service type selected (Figs. 16-18);
- c) In response to the selection made on said purchaser terminal, said mediator server is caused to access said database in order to search for the information for the service providers that offer the service type and/or service item selected by said service purchaser, and if found, is caused to edit said service provider information to produce a service provider list-selection display, and send the service provider list-selection display to said purchaser terminal for display (column 26 lines 6-23 and Figs. 16-18);
- d) The purchaser terminal allows said service purchaser to select a service provider that offers the service being purchased from said service provider list-selection display, and optionally enter terms and conditions under which the service is to be purchased, wherein upon confirmation of desired service, the service purchase information is transferred to said mediator server (column 28 line 14 – column 29 line 56 and Figs. 1-2, 16-18).

As to claim 13, Murcko teaches wherein the service offering registration entry display on said provider terminal contains the following entry fields: the name of the service provider, the location of the service provider to contact, the contents and price of the offered service, and the currency designated for use in paying for the service offered (column 29 lines 2-3, 47-56 and column 33 line 47 – column 34 line 34 and Figs. 18, 24-25).

As to claim 14, Murcko teaches wherein the service purchaser registration entry display on said purchaser terminal contains the following entry fields: the name of the service purchaser, the location of the service purchaser to contact, the content of the purchased service, and the currency designated for use in paying for the service received (column 29 lines 2-3, 47-56 and Fig. 18).

As to claim 16, Murcko teaches said service purchase request information display contains a list of service providers, including the following fields: service provider names, and location to contact, and further includes a service provider registration number entry field and action fields (Figs. 18).

Murcko does not explicitly teach said service purchase request information display contains service start date, location where the service is offered, and service days and hours. However, Murcko teaches said service purchase request information display including item description, and the mediator allows the purchaser to request additional information from the service provider regarding the item (column 29 lines 27-29 and Fig. 18). It would have been obvious to one of ordinary skill in the art to allow the service purchase request information display in Murcko's teaching to include service start date, location where the service is offered, and service days and hours (e.g. to be included in the item description or the reply to the request additional information from the service provider) for better meet the purchaser's purchase criteria.

As to claim 17, Murcko teaches a mediator server apparatus (*system operator 200 in Fig. 1*), said mediator server apparatus being connectable to service provider terminals (*seller's interface in Fig. 1*) and to service purchaser terminals (*buyer's*

interface in Fig. 1) over a network and comprising (column 12 lines 6-11 and column 13 lines 33-36 and Fig. 1):

- a) Means for allowing said mediator server to record services offered by said service provider terminal on a database (Figs. 2, 5a-11; *specifically, "a database" corresponds to data storage device in Fig. 1)*;
- b) Means for allowing said mediator server to send a list of service providers to a service purchaser for display on said service purchaser terminal so that said service purchaser can select a service purchase from the list of service providers being displayed on said service purchaser terminal (column 13 lines 33-36 and Figs. 16-18);
- c) Means for allowing said mediator server to send a service purchase request information for the service selected by said service purchaser to said service provider for display on said service provider terminal, the service purchase request service information including specifying the seller criteria (column 13 lines 33-36 and column 33 line 47 – column 34 line 19 and Figs. 17-18, 24).

Murcko does not explicitly teach the service purchase service request information including the start date and hours on and during which the service is desired to be received from the service provider. However, Murcko teaches the service purchase request service information including specifying the seller criteria, and allowing the purchaser to request additional information from the service provider regarding the item (column 29 lines 27-29 and Figs. 17-18). It would have been obvious to one of ordinary skill in the art to allow the purchase request service information in Murcko's teaching to

include start data and hours on and during which the service is desired to be received from the service provider for better meet the purchaser's purchase criteria.

As to claim 18, Murcko further teaches

- a) Said service provider terminal includes means for allowing the service provider to make a decision on whether said service provider should accept or decline the service purchase request, based on the service purchase request information received from said mediator server (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24),
- b) Said mediator server apparatus further includes means for allowing the mediator server to forward the decision made by said service provider to said service purchaser over a communication medium (column 13 lines 33-36 and column 28 lines 7-10 and column 29 lines 47-56 and column 33 line 47 – column 34 line 19 and column 37 lines 28-30 and Figs. 1-2, 18, 24).

Conclusion

5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Cheung whose telephone number is (703)-305-0084. The examiner can normally be reached on Monday – Thursday from 8:00 AM to 5:30 PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell, can be reached on (703) 305-9768.

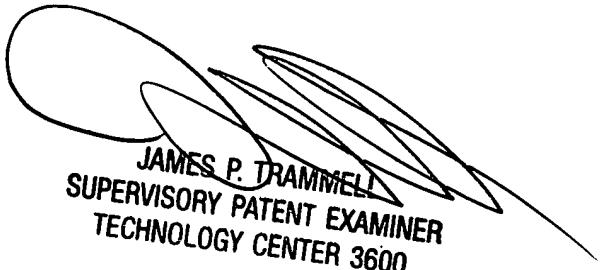
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

The fax phone number for the organization where this application or proceedings is assigned are as follows:

(703) 872-9306 (Official Communications; including After Final
Communications labeled "BOX AF")
(703) 746-5619 (Draft Communications)

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive, 7th Floor Receptionist.

Mary Cheung
Patent Examiner
Art Unit 3621
May 6, 2004



JAMES P. TRAMMELL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600